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AMENDMENTS TO THE CLAIMS:

- 1-3. (Canceled)
4. (Currently amended) A liquid crystal display device, comprising:
a first substrate on which a plurality of pixel electrodes are formed, said plurality of pixel electrodes comprising a ~~substantially~~ symmetrical shape;
a second substrate on which an opposing electrode is formed;
a liquid crystal layer sandwiched between said first and second substrates, said second substrate further having thereon a plurality of protrusions, each of said protrusions being positioned at a substantially central portion of a corresponding one of said pixel electrodes and elongated toward the first substrate; and
an alignment layer formed between said plurality of protrusions and said first substrate,
wherein said plurality of protrusions comprises a rod-shaped spacer extending between said first and second substrates.
5. (Canceled)
6. (Canceled)
7. (Previously presented) A liquid crystal display device, comprising:
a first substrate on which a plurality of pixel electrodes are formed;
a second substrate on which an opposing electrode is formed; and
a liquid crystal layer sandwiched between said first and second substrates, said second substrate further having thereon a plurality of protrusions, each of said protrusions being positioned at a substantially central portion of a corresponding one of said pixel electrodes,
wherein said protrusions comprise an isotropic material and a black material.
8. (Previously presented) A liquid crystal display device, comprising:
a first substrate on which a plurality of pixel electrodes are formed;

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a second substrate on which an opposing electrode is formed;

a liquid crystal layer sandwiched between said first and second substrates, said second substrate further having thereon a plurality of protrusions, each of said protrusions being positioned at a substantially central portion of a corresponding one of said pixel electrodes;
and

a light-shielding layer formed on said protrusions, to inhibit a leakage of light through said liquid crystal layer.

9-10. (Canceled)

11. (Previously presented) A liquid crystal display device, comprising:

a first substrate on which a plurality of pixel electrodes are formed;

a second substrate on which an opposing electrode is formed; and

a liquid crystal layer sandwiched between said first and second substrates, said second substrate further having thereon a plurality of protrusions, each of said protrusions being positioned at a substantially central portion of a corresponding one of said pixel electrodes,

wherein said opposing electrode comprises a plurality of stripe-shaped electrodes formed perpendicularly to said plurality of pixel electrodes, an intersection of a pixel electrode in said plurality of pixel electrodes and a stripe-shaped electrode in said plurality of stripe-shaped electrodes, defining a pixel of said liquid crystal display device.

12. (Previously presented) The device as claimed in claim 11, wherein an electric field formed in said liquid crystal layer between said pixel electrode and a corresponding one of said opposing electrodes is tilted toward a center of said pixel.

13. (Previously presented) The device as claimed in claim 12, wherein said electric field causes molecules of said liquid crystal layer to be symmetrically oriented toward center of said pixel.

14. (Canceled)

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15. (Previously presented) The device as claimed in claim 4, wherein said pixel electrodes comprise notches formed on peripheral portions of said pixel electrodes.

16. - 17. (Canceled)

18. (Previously presented) The device as claimed in claim 4, wherein said pixel electrodes comprise concave portions extending radially outward from centers of said pixel electrodes.

19-20. (Canceled)

21. (Previously presented) The device as claimed in claim 4, wherein said rod-shaped spacer is formed in a central portion of an area of said pixel electrode.

22. (Previously presented) The device as claimed in claim 4, wherein said protrusions extend in a direction of said first substrate from substantially symmetrical centers of corresponding ones of said pixel electrodes.

23. (Previously presented) The device as claimed in claim 4, wherein said rod-shaped spacer defines a plurality of domains of said liquid crystal layer for a corresponding one of said pixel electrodes.

24. (Previously presented) A liquid crystal display device, comprising:
a first substrate on which a plurality of pixel electrodes are formed;
a second substrate on which an opposing electrode is formed; and
a liquid crystal layer sandwiched between said first and second substrates, said second substrate further having thereon a plurality of protrusions, each of said protrusions being positioned at a substantially central portion of a corresponding one of said pixel electrodes,
wherein said plurality of protrusions comprises a rod-shaped spacer extending between said first and second substrates,
wherein said rod-shaped spacer defines a plurality of domains of said liquid crystal layer for a corresponding one of said pixel electrodes, and

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wherein said plurality of domains comprises a plurality of symmetrical liquid crystal domains.

25. (Previously presented) A liquid crystal display device, comprising:
a first substrate on which a plurality of pixel electrodes are formed;
a second substrate on which an opposing electrode is formed; and
a liquid crystal layer sandwiched between said first and second substrates, said second substrate further having thereon a plurality of protrusions, each of said protrusions being positioned at a substantially central portion of a corresponding one of said pixel electrodes,
wherein said plurality of protrusions comprises a rod-shaped spacer extending between said first and second substrates,
wherein said rod-shaped spacer defines a plurality of domains of said liquid crystal layer for a corresponding one of said pixel electrodes, and
wherein a liquid crystal material in said liquid crystal layer is alignable differently in one of said plurality of domains than in another one of said plurality of domains.

26. (Previously presented) The device as claimed in claim 4, wherein said first and second substrates are joined via said rod-shaped spacer.

27. (Previously presented) The device as claimed in claim 4, wherein said rod-shaped spacer comprises a cross-sectional configuration which is similar to a cross-sectional configuration of said corresponding one of said pixel electrodes.

28. (Previously presented) The device as claimed in claim 4, wherein a shape of a pixel electrode in said plurality of pixel electrodes is substantially symmetrical about a corresponding protrusion in said plurality of protrusions.

29. (Previously presented) The device as claimed in claim 4, wherein said plurality of protrusions comprise a core for dividing alignment directions of said liquid crystal layer.

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30. (Previously presented) The device as claimed in claim 4, wherein said liquid crystal layer comprises a plurality of domains having boundaries which are defined by a protrusion in said plurality of protrusions.

31. (Previously presented) The device as claimed in claim 30, wherein said boundaries extend radially outwardly from said protrusion.